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J.F.

S/N 09/541,452

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark D. Amundson et al.

Examiner: George Evanisko

Serial No.: 09/541,452

Group Art Unit: 3762

Filed: March 31, 2000

Docket: 279.152US1

Title: INDUCTIVE COIL APPARATUS FOR BIO-MEDICAL TELEMETRY



AMENDMENT AND RESPONSE

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant has reviewed the office action dated September 20, 2001 and responds as follows. This response is accompanied by a petition and the appropriate fee to obtain a three-month extension of the period for responding to the office action.

IN THE SPECIFICATION

The Office Action objected to the section heading "Conclusion" on the top of page 14.

On page 14, line 1, please delete the section heading "Conclusion."

IN THE CLAIMS

Please cancel claims 16-22 without prejudice or disclaimer.

Please replace claims 1 and 15 with their respective claims in the appendix entitled "Clean Version of the Amended Claims." The replacement claims are intended to reflect the specific amendments as detailed in the following marked up set of claims.

Sub
B2
A1

1. (Once Amended) An apparatus for communication with an implanted medical device, comprising:

a first telemetry coil [where the first telemetry coil includes a predetermined outer dimension sufficient to allow communication between the first telemetry coil, when positioned at a posterior location on a torso, and an] that is substantially planar and adapted to inductively couple with the implanted medical device [disposed subcutaneously on an anterior location of the torso];

a magnetically permeable core surrounded by the first telemetry coil for increasing the flux density therewithin and thereby allowing a smaller outer dimension of the first telemetry coil